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DATE: July 5, 2002 ATTORNEY DOCKET NUMBER: WSHU 2005.1

PTO FACSIMILE NUMBER: 703-305-3014

PLEASE DELIVER THIS FACSIMILE TO: Examiner Monika B. Sheinberg

THIS FACSIMILE IS BEING SENT BY: Debra D. Nye, Esq.

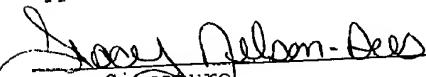
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July 5, 2000
Date

Type of paper transmitted: Response to Notice of Non-Responsive
Amendment

Applicant's Name: Washington University

Serial No. (Control No.): 09/637/216

Filing Date: August 11, 2000

Application Title: ANTIBACTERIAL COMPOUNDS DIRECTED AGAINST PILUS
BIOGENESIS, ADHESION AND ACTIVITY

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WSHU 2005.1
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Hultgren et al. Art Unit 1631

Serial No. 09/637,216

Filed August 11, 2000

Confirmation No. 7884

For ANTIBACTERIAL COMPOUNDS DIRECTED AGAINST PILUS BIOGENESIS,
ADHESION AND ACTIVITY

Examiner Monika B. Sheinberg

#17/B
Plunkett
7/18/02

July 5, 2002

RESPONSE TO NOTICE OF NON-RESPONSIVE AMENDMENT

TO THE ASSISTANT COMMISSIONER FOR PATENTS,

SIR:

In the Office action and Notice of Non-Responsive Amendment dated June 11, 2002, the Office stated that claims 1 and 12 contained discrepancies in Applicants' AMENDMENT B between the clean copy and the marked up version. In response to this Office action, please enter the following amendments:

IN THE CLAIMS:

Please replace claim 1 with the following:

1. (once amended) An isolated compound which inhibits pilus assembly, said compound comprising a mimic of a chaperone G₁ beta-strand or a mimic of an amino terminal motif of a pilus subunit, with at least two alternating hydrophobic amino acid residues or a 10 to 20 residue peptide according to formula (I):

(I) Z₁-Z₂-X₁-X₂-X₃-X₄-X₅-X₆-X₇-X₈-X₉-X₁₀-Z₃-Z₄

or a pharmaceutically-acceptable salt thereof, wherein:

Z₁ is R-C(O)-NR- or RRN-;

Z₂ is an optional 1 to 5 residue peptide or peptide analog;

X₁ is any amino acid residue;

X₂ is any amino acid residue;

X₃ is a hydrophobic residue or a hydroxyl-substituted aliphatic residue;

X₄ is any amino acid residue;

X₅ is a hydrophobic residue or Gly;

X₆ is a hydrophobic or a hydrophilic residue;

X₇ is Gly, an amide-substituted polar residue or a hydrophobic residue;